

19980930.qrp v01_n230.qrs.980930

Date: Wed, 30 Sep 1998 19:03:16 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1230

QRP-L Digest 1230

Topics covered in this issue include:

- 1) [21167] 40m SST Crystal
by "Karl Heimbach" <heimbach@concentric.net>
- 2) [21168] Re: Mizuho
by Ed Manuel <n5em@flash.net>
- 3) [21169] Re: 40m SST Crystal
by "Allan (Grant) Taylor" <k7gt@qsl.net>
- 4) [21170] CW program
by "Beaks" <beaks@westco.net>
- 5) [21171] ideal qrp rig
by "Jerry W. O'Dell" <jwodel@ameritech.net>
- 6) [21172] Re: rainbow tuner help
by Joe Everhart <n2cx@voicenet.com>
- 7) [21173] Re: TREMENDOUS GAMMA-RAY FLARE BLASTS EARTH
by Peter Larsen <larsenp@cadvision.com>
- 8) [21174] Re: TE NE KE
by Wayne Alexander <walexan@ipa.net>
- 9) [21175] Re: ideal qrp rig
by David Feldman <dgf@netcom.com>
- 10) [21176] Re: WIRE 40M LOG PERIODIC
by "L. B. Cebik" <cebik@utkux.utcc.utk.edu>
- 11) [21177] QRP (?) Paratrooper Rig circa WWII
by k7sz@epix.net
- 12) [21178] hand crank radio
by k5ubs@juno.com (Oscar A Hoyt)
- 13) [21179] LDG manual
by Rick Sealey <rsealey@InfoAve.Net>
- 14) [21180] RE:Mizuho
by N10DL@aol.com
- 15) [21181] Re: Help - How do you figure the value of an air cap ?
by Steve <smann@advi.net>
- 16) [21182] Re: Ideal QRP rig
by N10DL@aol.com
- 17) [21183] AL7FS needs roommate at Pacificon
by "Jim Larsen (AL7FS)" <larsenn@alaska.net>
- 18) [21184] Ten Tec 1330
by "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
- 19) [21185] Tektronix solder

- by Fran Flynn <fflynn@together.net>
- 20) [21186] NICE TO SEE 10M BAND OPEN
by ARDUJENSKI@aol.com
- 21) [21187] Alt Power
by kb0rol@juno.com (Bradley L Mugleston)
- 22) [21188] Re: 40 mtr Fox Hunt Teams!
by we6w@juno.com (Ed Loranger)
- 23) [21189] RE : Rainbow Tuner Help
by "Doug Hauff" <slmachco@fix.net>
- 24) [21190] GAMMA BURST: Need help from hams!!!
by Paul Harden <pharden@aoc.nrao.edu>
- 25) [21191] Re: GAMMA BURST: Need help from hams!!!
by Brian Mileschosky <n5zgt@swcp.com>
- 26) [21192] Fox Hunt??
by kd4pvm@juno.com (Paul W Bridgeman)
- 27) [21193] Pixie 2 and Crystal
by kd4pvm@juno.com (Paul W Bridgeman)
- 28) [21194] Re: 40 mtr Fox Hunt Teams!
by "Bill Todd" <bill@willapabay.org>
- 29) [21195] MFJ 9020 for trade
by "Karl Heimbach" <heimbach@concentric.net>
- 30) [21196] Re: 40 mtr Fox Hunt Teams!
by we6w@juno.com (Ed Loranger)
- 31) [21197] Re: GAMMA BURST: Need help from hams!!!
by Paul Harden <pharden@aoc.nrao.edu>
- 32) [21198] Re: 40 mtr Fox Hunt Teams!
by "Bill Todd" <bill@willapabay.org>
- 33) [21199] RE: How to safely sell stuff...
by n2tpa@juno.com (Bill d Lazure)
- 34) [21200] Re: 40 mtr Fox Hunt Teams!
by w4bws@juno.com (Donald E Sanders)
- 35) [21201] re: My "add on" 17M antenna / A fan dipole question
by Jim <kj5tf@madisoncounty.net>
- 36) [21202] Re: How to safely sell stuff...
by "Hugo W. Catta" <hugo@banet.net>
- 37) [21203] rig opnions
by "Jeff M. Gold" <JGold@tntech.edu>
- 38) [21204] Everybody complains about...
by "Ron Smith" <resmith666@uswest.net>
- 39) [21205] 40 m AR-QRP net tonight 0030Z 7.052
by Robsparks@aol.com
- 40) [21206] Parts for crystal sets, Air-variable caps source
by "Patrick T. Franzis" <old_radios@yahoo.com>
- 41) [21207] Re: Everybody complains about...
by Monte Stark <ku7y@dri.edu>
- 42) [21208] Summary of responses of MFJ9420 + CW adaptor
by "Michael Babineau" <babineau@nortel.ca>
- 43) [21209] Rig Opinions

by "Ken & Linda Burrough" <ne0c@1st.net>
44) [21210] RE: Everybody complains about...
by "Ken & Linda Burrough" <ne0c@1st.net>
45) [21211] Re: How to safely sell stuff...
by "Richard E. Robinson" <rerobins@email.uncc.edu>
46) [21212] Re: Everybody complains about...
by marion@montana.com
47) [21213] CRYSTAL SW RADIO & MORE
by ARDUJENSKI@aol.com
48) [21214] Rainbow Tuner Problems
by Arjen Raateland <Arjen.Raateland@vyh.fi>
49) [21215] Re: GAMMA BURST: Need help from hams!!!
by Steven Weber <kd1jv@moose.ncia.net>
50) [21216] [50MHz] For Sale: MFJ 9406X
by Ed Manuel <n5em@flash.net>
51) [21217] BFY91 Transistor info.
by "Trip N. Daniel" <trip@medanet.ro>
52) [21218] Re: Everybody complains about...
by "Hugo W. Catta" <hugo@banet.net>
53) [21219] Re: Parts for crystal sets, Air-variable caps source
by Mike Manship <mjmanship@iquest.net>
54) [21220] Re: How to safely sell stuff...
by "Roger A. McCarty" <rmccarty@earthlink.net>
55) [21221] Re: How to safely sell stuff...
by Vic Rosenthal <rakefet@rakefet.com>
56) [21222] Re: Everybody complains about...
by Roger Hightower <n7kt@earthlink.net>
57) [21223] Re: How to safely sell stuff...
by Scott Howell <whowell@hq.nasa.gov>
58) [21224] Solar panel sale
by Jim <kj5tf@madisoncounty.net>
59) [21225] Re: How to safely sell stuff...
by "Caitlyn M. Martin" <cait.martin@ibm.net>
60) [21226] AR QRP 40M net tonight
by Jim <kj5tf@madisoncounty.net>
61) [21227] Re: How to safely sell stuff...
by Monte Stark <ku7y@dri.edu>
62) [21228] 44 Magnum Info
by ki6ds@dpol.k12.ca.us (Hendricks, Doug)
63) [21229] Well, now, this is just ky00t. :)
by Paula Bailey <pmbail01@ox.slug.louisville.edu>
64) [21230] Re: How to safely sell stuff...
by mwattcpa@earthlink.net (Marty Watt)
65) [21231] NorCal 40a Prob, es 40-9er Question, es QRP Classics Cover
by "Jim Fielden" <fielden@utkx.utcc.utk.edu>
66) [21232] Re: Everybody complains about...
by "j.w. thornton" <dub@oklahoma.net>
67) [21233] R-7 vertical question

by jim <kw3u@warwick.net>
68) [21234] Rainbow tuner in SLM Co. Enclosure
by Arjen Raateland <Arjen.Raateland@vyh.fi>
69) [21235] Ten Tec 1320
by "Harry WA3PTG " <hhurst@delaware.infi.net>
70) [21236] N6WG Retires :-)
by Tellefsen Bob-CNSE97 <cnse97@lmpsilo2.comm.mot.com>
71) [21237] Gamma burst/VLA: Tom Brokaw NBC tonite
by Paul Harden <pharden@aoc.nrao.edu>
72) [21238] Hunches - Mouser - KnightSMiTes
by "Bob Kellogg" <ae4ic@nr.infi.net>
73) [21239] Re: Rainbow tuner in SLM Co. Enclosure
by Arjen Raateland <Arjen.Raateland@vyh.fi>
74) [21240] Re: Gamma burst/VLA: Tom Brokaw NBC tonite
by radioham@erols.com
75) [21241] Re: Gamma burst/VLA: Tom Brokaw NBC tonite
by "Michael Fletcher" <kl7ixi@mailcity.com>
76) [21242] Re: How to safely sell stuff...
by n2tpa@juno.com (Bill d Lazure)
77) [21243] Re: CW Sweepstakes Dates
by n2tpa@juno.com (Bill d Lazure)
78) [21244] Re: How to safely sell stuff...
by David Feldman <dgf@netcom.com>
79) [21245] Hot dog and Hams in the Park II Oct 7th
by "Charles R. Mabbott Sr." <crmabbott@mediaone.net>

Date: Tue, 29 Sep 1998 18:01:31 -0500
From: "Karl Heimbach" <heimbach@concentric.net>
To: <qrp-1@Lehigh.EDU>
Subject: [21167] 40m SST Crystal
Message-ID: <00e701bdebfd\$1d41b2a0\$620505ac@pentium>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I'd like to try a parallel HC-49 11.046 MHz microprocessor crystal in a 40m SST in an attempt to increase the tuning range. My Mouser catalog does not show it to be a stock item.

Anyone have an idea of where I might get one?

Thanks,

Karl - W5QJ

Date: Tue, 29 Sep 1998 17:55:23 -0500
From: Ed Manuel <n5em@flash.net>
To: qrp-1@Lehigh.EDU
Subject: [21168] Re: Mizuho
Message-ID: <3.0.5.32.19980929175523.009a4e80@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

About \$236 dollars US today. Not bad - now if only there was an easy way to actually buy one.

Ed, N5EM

At 09:41 AM 9/29/98 +0900, you wrote:
>Now, Mizuho says in their advertisement, MX-14S (20m SSB/CW 2W) is
>in stock.
>
>Suggested price is JPY32,000.- (w/o TAX).
>
>73, Masa J02AJT/WH20 ex-JL7CLE muchida@postman.riken.go.jp

Ed Manuel, N5EM
Houston, Texas
n5em@amsat.org
n5em@flash.net

Date: Tue, 29 Sep 1998 16:18:53 -0700
From: "Allan (Grant) Taylor" <k7gt@qsl.net>
To: heimbach@concentric.net, qrp-1@Lehigh.EDU
Subject: [21169] Re: 40m SST Crystal
Message-ID: <36116ADD.758C@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

The crystal in question is a Digikey X025-ND.

I have already checked with International Crystal Mfg Co. with the intent of obtaining a few additional crystals to allow coverage down-band. Those crystals will cost \$13.68 each, plus UPS charges. I can get you further info if you would like regarding that option. I am contemplating instead getting a 2nd NC40A, then repackage the new NC40A for field use (pots on top, etc.)

K7GT

--

73 de K7GT

Allan Taylor (a.k.a. Grant) Pleasanton CA

email: k7gt@qsl.net

web page: <http://www.qsl.net/k7gt/index.html>

Date: Tue, 29 Sep 1998 19:41:54 -0400
From: "Beaks" <beaks@westco.net>
To: "qrp-1" <qrp-1@Lehigh.EDU>
Subject: [21170] CW program
Message-ID: <000b01bdec02\$bdca8da0\$2edc0bd0@beaks>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi all, does anyone have any info on a CW keyboard type program that I could use with the laptop as a keyboard/memory keyer? Would be nice if it used the sound card. All I have been able to locate so far has just been cw practice or receive decoding software.

Thanks in advance....

Arch N8EAG

Date: Tue, 29 Sep 1998 19:56:50 -0400
From: "Jerry W. O'Dell" <jwodell@ameritech.net>
To: qrp-1@Lehigh.EDU

Subject: [21171] ideal qrp rig
Message-ID: <19980930005411.EDI20745@[206.141.209.213]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Oh, I forgot to put my 2 cents in when the topic of the ideal qrp rig came up.

No reason why a Japanese radio maker couldn't put an all band, CW rig with good characteristics in a 2 mtr. handie-talkie case.

Power is right, wouldn't need a huge number of parts, and if done right, could beat anything on the home-brew market.

Course, you couldn't build it. Little bitty parts, you know.

Good lord, one of those big HT batteries would last me a week.

73 jerry w8gnd

Date: Tue, 29 Sep 1998 19:58:08 -0400
From: Joe Everhart <n2cx@voicenet.com>
To: Arjen.Raateland@vyh.fi
Cc: qrp-l@Lehigh.EDU
Subject: [21172] Re: rainbow tuner help
Message-ID: <199809292358.TAA55388@nss4.cc.Lehigh.EDU>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Arjen,

Just to supplement what I posted earlier today, I measured the tap positions in my Hauff enclosure mounted Rainbow Tuner. With a 2000 ohm load I get lowest SWR with the 10 turn tap at 10.1 Mhz and the 8 turn tap at 7 MHz. My toroid has 35 turns as specified in the Rainbow Tuner manual. I did these tests using my Autek RF-1 Analyst and was able to acheive a match of better than 1.3:1 on 10.1 MHz and 1.1:1 on 7 MHz.

72/73,

Joe E., N2CX

from South Jersey y'all!

Date: Wed, 30 Sep 1998 00:15:14 +0100
From: Peter Larsen <larsenp@cadvision.com>
To: kaliic@ime.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21173] Re: TREMENDOUS GAMMA-RAY FLARE BLASTS EARTH
Message-ID: <36116A02.CF2D91B5@cadvision.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just when I was about to dump the list something really good comes up!!

I guess I will wait for another couple of weeks.

Have fun
Peter
VE6YC D021wc

Date: Tue, 29 Sep 1998 19:31:20 -0500
From: Wayne Alexander <walexan@ipa.net>
To: qrp-1@Lehigh.EDU
Subject: [21174] Re: TE NE KE
Message-ID: <199809300032.TAA06125@ns3.ipa.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I love mine and use it mobile. I talked to Israel Today on 10m with it mobile. Great little key.

At 10:07 AM 9/29/98 -0600, you wrote:

>Great little keys, I love mine.

>

>made by KK5PY, Dennis kk5py@juno.com last i knew.

>

>He was featured in cq magazine this year a few issues back. He's not

>commercial but does it for fun. If read on you will see were he worked all
>states via bicycle qrp!!!!
>
>good luck
>mike k0yo
>
>
>
73,
KB0PTE
Wayne
FISTS # 4907
QRP-L # 1058

Date: Tue, 29 Sep 1998 17:33:15 -0700 (PDT)
From: David Feldman <dgf@netcom.com>
To: jwodell@ameritech.net, qrp-l@Lehigh.EDU
Subject: [21175] Re: ideal qrp rig
Message-ID: <199809300033.RAA20376@netcom17.netcom.com>

>No reason why a Japanese radio maker couldn't put an
>all band, CW rig with good characteristics in a 2 mtr. handie-talkie
>case.
>
>Power is right, wouldn't need a huge number of parts, and
>if done right, could beat anything on the home-brew market.
>
>Course, you couldn't build it. Little bitty parts, you know.
>
>Good lord, one of those big HT batteries would last me a week.

Well, I'm kind of aiming in that direction (sort of...); a couple of
years ago I picked up several defunct Icom commercial HTs, of the
type that take those common BP-3/4/5/6/7/8 battery packs. My idea
was(is) to gut the HT (I've gutted one already) and build a QRP
rig into the cabinet. Then I could attach a common battery pack,
and even recharge it on the desktop charger.

I chose the ICOM line mainly because I had a couple of their regular
HTs, and the battery packs (at least the ones I've seen) can be
opened in the field to replace the cell sets.

Just a thought.....

73 Dave WB0GAZ dgf@netcom.com

Date: Tue, 29 Sep 1998 20:40:23 -0400 (EDT)
From: "L. B. Cebik" <cebik@utkux.utcc.utm.edu>
To: ARDUJENSKI@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21176] Re: WIRE 40M LOG PERIODIC
Message-ID: <Pine.GSO.3.96.980929203312.5975B-100000@moe.cas.utm.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Alan,

A wire log periodic is certainly possible, but do not expect gain greater than a 3-element Yagi, although you might well expect full band coverage with a good SWR. The gain you get will depend on how high the antenna is, since it would appear that it will be below 1/2 wl. West coast to east coast is a fairly low angle path. The antenna would have to be about 1/2 wl up to give good low angle response with full gain. Get it up as high as possible. The effort might be wasted if it is only up about 35' since all the gain will be at a very high angle.

Before investing all the energy into a 4-element job, you might consider a 2-element wire Yagi as a starter antenna to see how well it will do over and above a simple wire doublet. Then expand. The wire will be reusable in the bigger array later.

Be sure to read the ARRL Antenna Book material on log periodics to understand how they respond so that you will know how to prune and adjust.

-73-

LB, W4RNL

Date: Tue, 29 Sep 1998 20:38:14 -0700
From: k7sz@epix.net
To: qrp-1@Lehigh.EDU
Subject: [21177] QRP (?) Paratrooper Rig circa WWII
Message-ID: <3611A7A6.55B1@epix.net>
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

There were several radio sets that were originally intended for use by the Office of Strategic Services (OSS) during WWII that were loosely based on the British B-2 "Suitcase Radio" of WWII spy fame.

The set that was eventually "officially" adopted was called the SSTR-1 (Strategic Services Transmitter/Receiver #1) that put out about 15 watts (which takes it out of the QRP category). The radio was built around three modules, a TX, RX and power supply that were scaled so that each module could fit inside a loaf of European bread (Lord knows why!).

SSTR-1 was dropped via B-17/B-24 "Carpetbagger" missions all over Europe and Scandanavia until the end of WW-II.

This may be the rig you are refering to.

In addition to the SSTR-1, the OSS needed a "real" radio set that could be air dropped with covert operators (black ops) that would be not only more reliable but easier to use by indiginous forces.

This "new" radio set was called the RS-1 (Radio Set #1) and consisited of a superhet receiver (RR-2) covering 3-24 MC in 3 bands capable of receiving AM, CW and (when carefully tuned) SSB emissions. The crystal controlled transmitter (RT-3) was a two tube design (6AC7 osc & 2E26 PA) that put out between 10-15 watts on CW only and covered 3-22 MC. The two power supplies (RP-2 & RP-3) offered multiple voltages and (in the instance of the RP-3) 6 volt battery operations and hand cranked generator (G-43) voltage sources.

This RS-1 later was adopted by the US Army Special Forces and called the GRC-109. The only differences were the nomenclature (the receiver was the R-1004, the transmitter was the T-784 and the power supplies were PP-2684 & 2685). As for physical differences, the

only outward difference was on the transmitter: The T-784 had an additional jack added near the "KEY & GROUND" jacks that facilitated attachment of the GRA-71 code burst adaptor. The GRA-71 allowed SF RTOs to transmit their CW mssgs at 300 WPM!

The GRC-109 is a great little radio set and they were in use by the US Army Special Forces in Viet Nam and thru the mid 1980s even though they had access to much more modern equipment. The main reason: the GRC-109s would not break! The OSS never officially used the RS-1 in WWII, although the design is definately mid-WWII. It would not be unreasonable to imagine that early versions of the RS-1 were employed at the end of the war. The RS-1 saw a lot of use by the CIA (the successor to the OSS) in the late 40s and thru the 50s in Asia (especially Tibet) and other areas of interest where the CIA would train indiginous covert operators in the use of the RS-1, COMSEC and basic spying operations and then air drop them into their country to supply near real time HUMINT.

If you can find a GRC-109 (Fair Radio had some units but I believe that they are all sold by now) you can own a real piece of radio history that you can actually use on the ham bands. Mine is in use several times per week on 40 meters. The TX will match anything from 75 to 1000 ohms and likes end fed wires just fine! There is even a tiny CW key mounted on the top of the TX. The RX is a bit broad but a RS DSP unit works wonders on the receiver.

Hope this helps.

73 Rich K7SZ

Date: Tue, 29 Sep 1998 20:01:45 -0500
From: k5ubs@juno.com (Oscar A Hoyt)
To: qrp-l@Lehigh.EDU
Subject: [21178] hand crank radio
Message-ID: <19980929.200146.3382.0.k5ubs@juno.com>

Brand name not mentioned.. fur reading of text it appears that crank gen

is used to recharge batteries, four AA nicads. name on picture of radio is "Info-Mate". Also same catalog there is another hand cranked model AM/FM, crank 1-3 minutes to get 10 minutes of playing time. Name on it is SUN-MATE. And a third radio in same catalog is a no-name, clear plastic case (probably same one I saw mentioned on this list) on it 60 cranks gives you one hour of reception. Winds up a spring to spin generator. Cost on it is 88.50.

Oscar K5UBS Ham since 55

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 29 Sep 1998 21:25:39 -0400
From: Rick Sealey <rsealey@InfoAve.Net>
To: qrp-1@Lehigh.EDU
Subject: [21179] LDG manual
Message-ID: <1.5.4.32.19980930012539.0102d59c@mail.infoave.net>
MIME-version: 1.0
Content-type: text/plain; charset="us-ascii"

from my posting of 9/27/98:

-----SNIP-----
...all our good vendors - Small Mountain, Wilderness, OHR, ...
-----SNIP-----

Small Mountain?! Gads, where did that come from? Obviously I should have written Small Wonder [Labs] - sorry Dave B. Actually, it's a small wonder I manage to get myself to work everyday. Sheesh.

Rick - W4SEA

Date: Tue, 29 Sep 1998 21:46:51 EDT
From: N10DL@aol.com
To: qrp-1@Lehigh.EDU
Subject: [21180] RE:Mizuho
Message-ID: <f489ae56.36118d8b@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

I would like to know if you find out how to get one of these radio's. I have seen them once at a Hamfest and thought they were interesting.

Aron Brown
N10DL
QRP-L#1326
FISTS#4110

Date: Tue, 29 Sep 1998 18:30:27 -0400
From: Steve <smann@advi.net>
To: K4AHK@ix.netcom.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21181] Re: Help - How do you figure the value of an air cap ?
Message-ID: <36115F83.12E6@advi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I finally broke down and bought the Autek RF-1. Using short leads between the RF-1 and the cap in question, I get usually within less than 10 pf of the mfg's stated value for caps in the 30 to 400 pf range.

As is also measures inductance, impedance and swr, it's a very useful accessory for the homebrewer!

Steve, N4EY
ARC-I and NorCAL

Date: Tue, 29 Sep 1998 21:57:32 EDT
From: N10DL@aol.com
To: qrp-l@Lehigh.EDU
Subject: [21182] Re: Ideal QRP rig
Message-ID: <f26e875e.3611900c@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Why not look into the Motorloa Commercial radios that I keep seeing at all the hamfests. They come with chargers and lots of battery's. One thing that no one has mentioned is the antenna for this type of rig. the whip antenna would make it very hard to use the radio while holding it. the best idea would be to use an Ene fed antella like the one's that Antenna West used to put out. Just throw it out a window or over a tree or bush and you are in business. NOT a radio to use while walking down the street, is it. Would be tough to take on the ski slopes like I do now with my ICOM.

Just my thoughts

Aron Brown

QRP-L#1326

FISTS#4110

Date: Tue, 29 Sep 1998 18:10:59 -0800
From: "Jim Larsen (AL7FS)" <larsennc@alaska.net>
To: "qrp-l@lehigh.edu" <qrp-l@Lehigh.EDU>
Subject: [21183] AL7FS needs roommate at Pacificon
Message-ID: <36119333.5A8BA9B3@alaska.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Greetings from Alaska,

I have a room reservation at Pacificon and would like to cut costs by finding a roommate. The reservation is for a room with two queen beds so no problem there. Anyone want to share a room Friday and Saturday night? We would split the cost 50:50. I would guess with taxes and all that might come to about \$45-50 per night per person (basic rate is \$76) with taxes and all. We can then spend the \$100 we save on QRP goodies or perhaps this will help someone cross over to where they can afford to come to Pacificon.

Any takers? I will add your name to the reservation so you can check in any time and get your own key. Single or husband and wife combo are just fine.

Let me know.

73, Jim, AL7FS -- Anchorage, Alaska
home: 907-345-3190
(BP51cc)@61.1009636 North 149.8237915 West (approximately)
AK QRP #003, NW QRP #009, ICQ 11022915

Date: Tue, 29 Sep 1998 22:07:36 -0400
From: "T.J. \"SKIP\" Arey N2EI" <tjarey@home.com>
To: Bill Cole <billc@jerseycape.net>, Dave Marshall <n8oay@sprintmail.com>, Don Schimmel <dwschiml@intrepid.net>, Ed Muro <KC2AYC@qsl.net>, John McColman <jmccolma@richmond.infi.net>, Jon Cohen <jon@pluto.njcc.com>, Lynn Burke <lburke@infi.net>, Mark Meece <mmeece@siscom.net>,
Subject: [21184] Ten Tec 1330
Message-ID: <36119268.A74E917E@home.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I actually completed my Ten Tec 1330 about a week ago but finally got the chance to sit down and do the final alignment and testing. Overall, I enjoyed this project. The few minor glitches in the manual were not problematic as long as the builder pays attention to what is going on. The kit looks like its putting out an honest 2.5 watts from a 12 volt battery pack. I was able to set the VFO up for the width that I wanted with no problems and I really like the "throw" on the RIT control once it's aligned. Hint: use a frequency counter for accuracy if you can although the other suggested alignment methods will also work with care. Now I've started on the Rainbow Tuner for use with the 1330. The Machined Black Metal case kit makes the tuner and 1330 look like they were made for each other. I must admit I'm somewhat partial to Ten Tec gear but this kit is well worth a look for anybody who wants to add 30 meters to there station for a reasonable price.

--

+++++

T.J. "SKIP" AREY N2EI e-mail tjarey@home.com

Website <http://members.home.net/tjarey>

Snail Mail: PO Box 236, Beverly, NJ 08010

Specialization is for insects! LAZARUS LONG

Date: Tue, 29 Sep 1998 22:43:54 -0400 (EDT)

From: Fran Flynn <fflynn@together.net>
To: kd1jv@moose.ncia.net, qrp-1@Lehigh.EDU
Subject: [21185] Tektronix solder
Message-ID: <199809300243.WAA08071@sequoia.together.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>The main point of this post is that when I removed the back panel, I found
>a small spool of the special solder used on the ceramic terminal blocks! I
>bet most all Tek scopes have a spool of this solder tucked away someplace.
>If you ever need to do repairs to your scope, give a look for it!

It's silver bearing solder. The reason it's there is so you can
solder components to the ceramic standoffs without applying too
much heat. Silver bearing solder has a lower melting temperature.
I've seen those little rolls in older video waveform monitors.

Francis Flynn
ARS: KM1Z Grid: FN34

Date: Tue, 29 Sep 1998 22:44:01 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU, nwq-1@scn.org
Subject: [21186] NICE TO SEE 10M BAND OPEN
Message-ID: <d1423ef8.36119af1@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

The usual hiss on 10M for the past few days was interrupted today with a blast
of signals coming in from all over. Europe, South America, the Pacific, all
were booming in 58 and 59 on ssb. The cw end was a bit sparse so with mike in
hand and 5 watts thru out a few responses to the CQs and QRZs. I was

pleasantly surprised to find a pipeline to the east coast, Aruba, New Zealand and Santiago. I got a few of them to turn their power down and surprised them with a great signal report back. Who knows we may get some converts.

Not certain but those good signals out of FL, AL and GA may be a direct result of the great ground plane with that foot of rain. I sure hope the band stays for a few days so I can get a chance to go 2watts with some results...Alan KB7MBI

Date: Tue, 29 Sep 1998 23:10:09 EDT
From: kb0rol@juno.com (Bradley L Mugleston)
To: qrp-l@Lehigh.EDU
Subject: [21187] Alt Power
Message-ID: <19980929.202254.14783.0.kb0rol@juno.com>

I just got my 1998 National Geographic Society Holiday Gifts Catalog. Guess what they have inside?

On page 57 they have the clear windup/solar radio that's been discussed on this list (they want \$80 from members for this).

On page 29 there is a smaller AM/FM radio that runs on sunlight, incandescent light, batteries or by hand crank. By crank they say one to three minutes of cranking will give you up to ten minutes of radio time or three hours in the sun will give you up to eight hours of radio time. This one is \$33 for members.

On page 14 is yet another rig. This one is AM/FM and weather band PLUS TV audio, aircraft, police bands and WORLD BAND SHORTWAVE. Has a solar panel, hand crank, AC/DC plug or 12V for car. This one is \$70 for members.

Standard stuff, I don't work for NGS although I've got 33+ years of NG mags in the basement (for some reason I just can't throw anything away).

de KB0ROL, Brad

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 29 Sep 1998 23:09:33 EDT
From: we6w@juno.com (Ed Loranger)
To: rattray@gpfn.sk.ca
Cc: qrp-1@Lehigh.EDU
Subject: [21188] Re: 40 mtr Fox Hunt Teams!
Message-ID: <19980929.200005.4863.3.we6w@juno.com>

I'd like to form a FOX Hunting team. I'm looking for Bug users.
Please email me if you are interested.

We'll figure out a name incorporating Mechanical Keys.

Bugs-R-Us?

Or a photo of the team: Mugs 'n Bugs?

How abt. something foxy Like: The Sly-Swipers?

Or just:

"Like-a-Mecha-Key, Mecha-Key-for-me, Don't let that fox hiney go!"

I think a team of 3 would be great. Last year there
were 5 of us on the 'Foxtail Packers' and we did
respectably, but I don't remember the actual results --
Only that as a team we tried harder not to miss the hunts!

"Reed Snappers?"

So, if you own a bug (Semi-automatic key for retentives :)), and promise
to use it in the Fox hunt, Let's get together!

"Weight don't slow me down."

Due to the expected email barrage from the Hordes of
closet bug users out there just waiting to get involved
on the team, I will schedule a QRP Bug-A-Thon QSO to determine
worthy compatriots.

That's right. Burn up 40 meters with: "Dueling Reeds on the air"
and other tests'du'CW ala New Orleans piano bars and Joplin Rags!

Let's go thumb to thumb and dittibop til we drop!

Enuf for now, all this chatting about bugs, I'm gonna go
fire up the rig Right NOW!

For special consideration on my team, and a hefty discount
on the team entry fee, not to mention saving 50% on all
calls over 20 minutes to someone you don't know in a
far off country, break the following code, created with
a one-time-pad:

— —

Date: Wed, 30 Sep 1998 00:31:14 -0700
From: "Doug Hauff" <slmachco@fix.net>
To: <qrp-1@Lehigh.EDU>
Subject: [21189] RE : Rainbow Tuner Help
Message-ID: <199809300327.UAA03501@fletch.fix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I realized my error as I was riding back to my shop at lunch: For both 7 and 10 MHz the variable cap is adjusted near the MINIMUM capacitance (almost full clockwise). Also: in my own unit I used plain hookup wire for the variable cap, not coax as I recommended in the enclosure manual.

72 Doug Hauff KE6RIE

Date: Tue, 29 Sep 1998 21:40:57 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-1@Lehigh.EDU
Cc: gqrp-1@blacksheep.org
Subject: [21190] GAMMA BURST: Need help from hams!!!
Message-ID: <Pine.SOL.3.91.980929210604.19719A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

ASTRONOMERS NEED HELP FROM HAMS ...

There was a MAJOR GAMMA RAY BURST that occurred on August 27, 1998 at 1022 UTC from a neutron star 15,000 light years away. This burst was so strong, it ionized the E and F layers on the NIGHT side of the Earth, ionized the D-layer for extreme absorption for many minutes, and saturated gamma- and X-ray sensors on satellites. Only two other major gamma ray bursts have ever been detected, one in 1979 and another in 1984. This is an extremely rare astronomical event that is caused by a generation of power so intense it is almost beyond explanation.

Experimental physics VLF monitoring circuits maintained by Stanford University recorded this absorption down to the tens of KHz!!! But because this event occurred in the very early morning hours in the U.S., there is virtually no record of this event.

WERE YOU ON THE AIR/LISTENING TO *ANY* RADIO ON AUGUST 27, 1998 AT 1022 UTC? (That is 0322 Pacific Time, 0422 Mountain, 0622 Eastern U.S. Time) The VLF records show about a 5 minute period of total RF absorption ... that is, a total communications blackout. However, it is not known what duration this event may have had in the HF portion of the spectrum, whether shorter or longer (the later is likely). This would have caused a total/near total blackout on the AM broadcast band (550-1750 KHz), 40M, etc. for several minutes.

If you have a recollection of noticing this event, or specific data

from say a QSO in progress, please send me the information and/or post it to either QRP-L or G-QRPL. This is an opportunity for hams to make a contribution to a rare scientific study if you were lucky enough to witness it in some form or another.

There was also a SEVERE geomagnetic storm that occurred shortly after this gamma ray burst on August 27th ... which is being investigated if it may have been triggered by this event.

>From the Stanford University VLF data, it appears the blackout would have occurred from a line drawn from just west of Hudson Bay in Canada to the tip of Baja California and WESTWARD to central Russia. This was the side of the Earth that was facing the neutron star when the gamma rays arrived.

This is an extremely rare and interesting astronomical event, and I will post some details on what happened, what the significance of gamma radiation from 15,000 light years away is, etc. in the next day or two.

About an hour ago, a press release with the VLA images of the neutron star (SGR 1900+14) was placed on the observatory's web page at:

www.nrao.edu for those so interested in the images.

I think the complete path is www.nrao.edu/pr/magnetar.html

Identifying the source of this gamma ray burst was observed, in part, by our own Dr. Dale Frail, using the Very Large Array Radiotelescope in Socorro, New Mexico.

Thanks for your help.

72, Paul NA5N
National Radio Astronomy Observatory
Socorro, New Mexico

Date: Tue, 29 Sep 1998 22:27:02 -0600 (MDT)
From: Brian Mileschosky <n5zgt@swcp.com>
To: Paul Harden <pharden@aoc.nrao.edu>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21191] Re: GAMMA BURST: Need help from hams!!!
Message-ID: <Pine.SUN.3.96.980929222012.21668B-100000@kitsune.swcp.com>
MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Paul,

Sorry to reply to you and the list...I was just wondering why all the hype of this event just came out now? According to your report to the list, this event happened in August...why so long to report it? I'm just curious and thought I'd mention it to the list in case others were wondering.

Thanks and 72,

Brian, N5ZGT

Albuquerque, NM

<http://www.swcp.com/~n5zgt> <= Brian's AWESOME Amateur Radio site!

Date: Wed, 30 Sep 1998 00:40:45 -0400
From: kd4pvm@juno.com (Paul W Bridgeman)
To: qrp-l@Lehigh.EDU
Subject: [21192] Fox Hunt??
Message-ID: <19980930.004046.10046.2.KD4PVM@juno.com>

Howdy,

What are the specifics on the fox hunt(dates, times etc.)? Not to mention, just what exactly IS a fox hunt? }:-> I've caught bits and pieces during the last few weeks and it sounds like fun. If I can get a rig put together before it starts, I'd like to participate, if possible. See ya,

Paul

-.-. -.-. -.-. -.-. -.-. -.-. -.-. -.-.
Paul Bridgeman KD4PVM
Fayetteville, NC
QRP-L # 1641 ZOMBIE # 248
-.. . -. .- ..- .-.. .-.. .-.. .-.. .-..

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Hi gang,

I need a crystal for the novice/Tech+ portion of the 40m band. The folks at HSC do not have anything in that range. I've also checked several catalogs (Tech America, RS, etc) and the local electronic supply store with no luck. As always, any assistance is GREATLY APPRECIATED!! :-)

Paul

[illegible]

Can I be on your "Bug" team?

Please - Please - Please!!!

CUL, Bill-N7MFB
w/ WWII Signal Corps. Lionel Bug
<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Wed, 30 Sep 1998 00:12:16 -0500
From: "Karl Heimbach" <heimbach@concentric.net>
To: <qrp-1@Lehigh.EDU>
Subject: [21195] MFJ 9020 for trade
Message-ID: <005701bdec30\$e5982260\$630505ac@alphamultia>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I have a MFJ 9020 that I'd like to trade for an OHR Explorer II in 20 meters.

Thanks,

Karl - W5QJ

Date: Wed, 30 Sep 1998 01:16:46 EDT
From: we6w@juno.com (Ed Loranger)
To: bill@willapabay.org
Cc: qrp-1@Lehigh.EDU
Subject: [21196] Re: 40 mtr Fox Hunt Teams!
Message-ID: <19980929.220710.4775.2.we6w@juno.com>

On Tue, 29 Sep 1998 21:48:09 -0700 "Bill Todd" <bill@willapabay.org>
writes:

>Hi Ed -

>

>Can I be on your "Bug" team?

>

>Please - Please - Please!!!

Yes! Now we need one more! But, if I recall from our last qso, that Lionel Bug was on the shelf. Naughty, Naughty. Front and center, Soldier. Ready for Fox hunting. That's better. Did I mention you have to send with the "other" hand.... Hee, hee. just kidding.

Start woking on our final name.

Man, I'm get stoked!!!

Bug team:

WE6W, and N7MFB. Thats: -M-F-B ==> My Favorite Bug. Definately on the team with that call.

>

>CUL, Bill-N7MFB

>w/ WWII Signal Corps. Lionel Bug

><http://www.willapabay.org/~bill>

>ICQ me @ 8926298

>

>

>

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>

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Date: Tue, 29 Sep 1998 23:18:23 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: Brian Mileschosky <n5zgt@swcp.com>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21197] Re: GAMMA BURST: Need help from hams!!!
Message-ID: <Pine.SOL.3.91.980929224229.931B-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 29 Sep 1998, Brian Mileschosky wrote:

> I was just wondering why all the
> hype of this event just came out now? According to your report to the
> list, this event happened in August...why so long to report it?
>
> Thanks and 72,
> Brian, N5ZGT
> Albuquerque, NM

Brians (and others),

Actually, that is a very good question that has an interesting answer, at least as I understand it from all the activity at the observatory past couple of days.

First, the VLA radiotelescope is used by visiting astronomers 24 hours a day and is "booked up" about 6 months in advance. To use the instrument, you must submit an observing proposal, which are reviewed and those with proper merit are granted for the next 6 month period. There is virtually no free time on the radiotelescopes.

The gamma burst occurred on August 27th, and it was not until Sept. 3rd that Dr. Frail was able to "steal" some telescope time on the VLA to search the region of the sky where it appeared to originate from. Fortunately, he was able to find an object, SGR 1900+14, that was still emitting vast amounts of power. A mere few days later, the star returned to being a low-level "point source" object. While this pretty much confirms the source of the gamma emitter, now referred to as a "magnetar," it *is* a sample of one, and with such a short duration event, it was not observed by any other instruments other than the satellite detectors (which saturated from the power and thus provides little real data).

Astronomers are brilliant people, but like any science, you tend to be confined to your own discipline. There was no thought of checking other indicators, such as if our ionosphere reacted to it, because prior to yesterday, astronomers would tell you that a gamma burst to do that would just have to be huge beyond human comprehension. And with the satellite sensors saturating, nobody knew how powerful this event really was, but certainly not powerful enough to ionize our atmosphere.

Then yesterday, it was learned that Stanford University recorded a total absorption event on their VLF path receivers around 10 KHz. This is a system of transmitter and receivers located at various places (like Bangor, WA and CA with receivers in Boulder, CO to mention a few I know of) that use VLF to perform plasma physics experiments. Their August 27th data shows total absorption occurring at 10 KHz (not sure of the exact frequency used) at exactly 1022 UTC

and lasting 5 minutes. This is an unexplained phenomenon at such low frequencies, as it would require a huge ionizing event where the radiation reached the lower portion of our atmosphere, if not striking the earth's surface itself. In turn, they contacted the solar people to find out if a major flare had occurred at that time, even though the affected area was in darkness. Eventually this led to realizing it occurred exactly when the gamma burst arrived, and suddenly scientists of various disciplines started talking to each other.

The "big deal" about this is that for gamma radiation to strike the earth, coming from 15,000 light years away, sufficient to ionize even the D-layer (closest to the earth's surface) and cause absorption into the KHz range, would require power unlike ever before recorded. Another big deal is that gamma radiation, itself, would likely not cause a geomagnetic disturbance, if indeed the geomagnetic storm that same day is related. This implies that a cloud of PARTICLES (heavy stuff) was traveling along with the radiation shock wave at nearly the speed of light ... indeed, in itself a most unusual occurrence.

In summary ... this is the FIRST TIME EVER that a celestial event outside of our solar system has affected the earth's environment. And that is a "big deal." Scientists involved mull over this data and tend to be very cautious before making a press release with such a profound significance, and hence the one month delay. This gamma burst discovery *will* alter our understanding of celestial physics.

72, Paul NA5N

Date: Tue, 29 Sep 1998 22:36:08 -0700
From: "Bill Todd" <bill@willapabay.org>
To: "Ed Loranger" <we6w@juno.com>
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [21198] Re: 40 mtr Fox Hunt Teams!
Message-ID: <000c01bdec34\$3db70120\$1d4ffbcce@default>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>>Hi Ed -

>>
>>Can I be on your "Bug" team?
>>
>>Please - Please - Please!!!
>
>Yes! Now we need one more!
>Bug team:
>WE6W, and N7MFB. Thats: -M-F-B ==> My Favorite Bug. Definately
>on the team with that call.

OK Bug Nuts (Is that anything like a "Zagnut"? - No, wait...that's a candy bar)

We are looking for one more person willing to swing his or her weight.

Participants are certain to develop very muscular thumbs and forefingers.
Your Commander, WE6W awaits your call.

CUL, Bill-N7MFB (PFC)
"Practiced Finger Control"
<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Wed, 30 Sep 1998 03:40:08 -0400
From: n2tpa@juno.com (Bill d Lazure)
To: QRP-L@Lehigh.EDU
Subject: [21199] RE: How to safely sell stuff...
Message-ID: <19980930.034658.7550.4.N2TPA@juno.com>

Gang,

Thanks to all who posted a reply to my question on how to sell thru the mail. Seems like everyone has the same idea.

My schedule's been tough so I haven't had the chance to look the equipment over thoroughly for faults yet. Should be able to post next week.

73,

Bill
N2TPA

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Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 30 Sep 1998 05:59:19 -0400
From: w4bws@juno.com (Donald E Sanders)
To: we6w@juno.com
Cc: qrp-1@Lehigh.EDU
Subject: [21200] Re: 40 mtr Fox Hunt Teams!
Message-ID: <19980930.060406.13990.3.W4BWS@juno.com>

Try the QLF team. That's for "Quickly Logging Fox" or "Quaint Lousey
Fist"

which ever fits your team.

Donald E. Sanders W4BWS

694 E. Eau Gallie Blvd. Satellite Beach, Fl 32937

407-779-0222 Fax 407-779-0830

E-mail to w4bws@juno.com

My favorite QRP rig glows in the dark

On Wed, 30 Sep 1998 01:16:46 EDT we6w@juno.com (Ed Loranger) writes:

>

>On Tue, 29 Sep 1998 21:48:09 -0700 "Bill Todd" <bill@willapabay.org>

>writes: Can I be on your "Bug" team?

. Did I mention you have to send with the "other"

>hand.... Hee, hee. just kidding.

>

>Start woking on our final name.

>Man, I'm get stoked!!!

>

>Bug team:

>WE6W, and N7MFB. Thats: -M-F-B ==> My Favorite Bug. Definately

>on the team with that call.

>>

>>CUL, Bill-N7MFB

>>w/ WWII Signal Corps. Lionel Bug

>><http://www.willapabay.org/~bill>

>>ICQ me @ 8926298

>>

>>

>>

>

>72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>

>Enjoying Ham Radio every day! Santa Rosa, CA.

>

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Date: Wed, 30 Sep 1998 08:20:37 -0500
From: Jim <kj5tf@madisoncounty.net>
To: qrp-1@Lehigh.EDU
Cc: old_radios@yahoo.com
Subject: [21201] re: My "add on" 17M antenna / A fan dipole question
Message-ID: <36123025.344F@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

>On a similar note..

>I was planning on adding on a 20 meter dipole to my 40 meter
>Inverted V. I intend on having the 20m legs horizontal and leave
>the 40m legs as is, in the "inverted v" configuration. Has anyone
>done this with success?

>I realize that I could obtain a good match by some pruning, but
>does this change the radiation pattern of the original 40M antenna?

>Thanks, Pat N10CJ

It should work fine - do it and post the results. Note SWR's b4 and
after. Jim KJ5TF/QRP AR QRP #2

Date: Wed, 30 Sep 1998 09:53:50 -0400
From: "Hugo W. Catta" <hugo@banet.net>
To: n2tpa@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21202] Re: How to safely sell stuff...
Message-ID: <361237EE.4E898FE0@banet.net>

MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Bill:

I know that the policy of the list is to save as much BW as possible, but I've been asking the question myself and was hoping someone would post his/her idea to the group as well as to you directly.
Could you share some ideas, (or the one you think will work), on how to sell safely stuff,
or, to make it simple, just forward to me one of the answers you got?

Thanks.
72, 73
Hugo
CX9AAK/W2

Bill d Lazure wrote:

> Gang,
>
> Thanks to all who posted a reply to my question on how to sell thru
> the mail. Seems like everyone has the same idea.
> My schedule's been tough so I haven't had the chance to look the
> equipment over thoroughly for faults yet. Should be able to post next
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> 73,
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> Bill
> N2TPA
>
> -----
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> Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 30 Sep 1998 08:54:57 -0500
From: "Jeff M. Gold" <JGold@tntech.edu>

To: QRP-L #98 <qrp-l@Lehigh.EDU>
Subject: [21203] rig options
Message-ID: <01da01bdec79\$e8e101a0\$4d0b9595@Jeffro.cc.tntech.edu>
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Howdi,

need some group expert advise. I just sold my new 570D. I couldn't stand the relays on CW. I really liked many things about the rig.. best interface to a computer on a rig I have come across. I also found that even though I had the 500 filter in it, it didn't compare, in my opinion, to the 930 I sold to help pay for it. The 930 seemed to have much better noise fighting ability. Which is essential for bad band days and QRP work. Both rigs seemed to work very well at QRP levels. The relays in my 930 were hardly noticeable.

I have some rigs I can get at a good price: A Ten Tec Omni V in excellent condition with 1.8 SSB filter, 500 and 250hz CW filter (I think this rig uses a relay for TX/REC, and not sure how loud. I don't care about general coverage receive, never used it on any of my rigs. Another possibility is a really good condition Yaesu FT990 AC with latest firmware and computer interface. Third choice is a good condition 940SAT with extra CW and SSB filter and desk mike. It is an older rig (than others), but if it is like the 930, imagine it has great receiver and noise fighting. A final choice would be to splurge and either get a used Yaesu FT920 (give me 6 meter.. never played with).. found one used with CW filter for \$1300, or they are new now for \$1440. Would have to be a lot better and have lot more stuff I want to pay the \$450 extra.

Opinions, experiences and other info greatly appreciated.

72

Jeff, AC4HF

Date: Wed, 30 Sep 1998 07:59:42 -0600
From: "Ron Smith" <resmith666@uswest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [21204] Everybody complains about...
Message-ID: <020901bdec7a\$a1f51280\$03000004@ron>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

wasting the bandwidth with this and that, don't send this topic or that topic, and above all don't quote this or don't quote that.

Personally, I subscribe to lists for their information or educational value. If you can't learn anything for a list you are wasting your time and a lot of usable Internet bandwidth.

Please allow me to share with y'all what I consider wasted bandwidth...

First Message - "How to safely sell equipment" posted by Bill Lazure on the 25th of September:

"Gang,

Soon, I may have some equipment for sale. I've never sold thru the mail before, and was wondering the best way to do it so that I can be assured of payment, and the buyer can be assured of getting what he/she expects. Is 50% up front, 50% on delivery normal? I will be VERY honest about faults when I post the FS notice, but don't want to pay two-way postage because someone's expectations were too high.

Also, how is postage normally done? Damage in transit?

Anything you could tell me would be appreciated.

73,

Bill
N2TPA"

I consider this a valuable topic, having never dealt with ham to ham sales, and waited for more information on the process of so I could get some pointers from a very knowledgeable group of hams. Unfortunately, like so many potentially interesting and informative messages, there was nothing posted until the next message from Bill on the 30th of September where he said:

"Gang,

Thanks to all who posted a reply to my question on how to sell thru the mail. Seems like everyone has the same idea.

My schedule's been tough so I haven't had the chance to look the equipment over thoroughly for faults yet. Should be able to post next week.

73,

Bill

N2TPA"

No posts to the list so once again those of us who were interested in the topic were left out in the cold. Talk about wasted time and bandwidth! Seems to me that you are damned if you reply to one message on the list regarding some topics because that is a waste of others time and bandwidth yet it appears alright if the same question is asked 800 to 1000 times by individuals and the same replies are sent individually to each of the 800 to 1000 posts of the same question.

Just my opinion, but if I don't want to read a message or a message thread I utilize my God given right to hit the DEL key. IMHO too little information is far worse than too much information.

Thanks Bill for posting your original question and final answer. It's a shame the middle is missing.

Just my opinion...

Ron Smith
KD7VD
Boise, Idaho

Date: Wed, 30 Sep 1998 10:12:21 EDT
From: Robsparks@aol.com
To: qrp-l@Lehigh.EDU, KJ5TF@madisoncounty.net
Subject: [21205] 40 m AR-QRP net tonight 0030Z 7.052
Message-ID: <38213e17.36123c45@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Notice:

The AR-QRP net will again be tonight at 0030Z on 7.052 mhz (+ - QRM), Fire up your QRP rig and check in! Non members welcome!

Bob AB5ZD QRP-L #185 AR #227

Date: Wed, 30 Sep 1998 07:27:13 -0700 (PDT)
From: "Patrick T. Franzis" <old_radios@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [21206] Parts for crystal sets, Air-variable caps source
Message-ID: <19980930142713.11527.rocketmail@send1e.yahoomail.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

>I'm in need of a inexpensive source of single section (or a dual
>asymmetrical) caps for a Boy Scout project I'm working on, a homebrew
>crystal set. 200pf or more a must. Does anyone have a source?
>Thanks and 72, de ku4qo, Mike Maiorana, Palm Harbor, FL

Mike,

Check out Antique Electronics Supply. They have single section
variable caps and other crystal set parts. The URL is:
<http://www.tubesandmore.com/>

Pat N10CJ

==
== Patrick Franzis
== Email : old_radios@yahoo.com
== Web : <http://www.qsl.net/n10cj>
==

DO YOU YAHOO!?
Get your free @yahoo.com address at <http://mail.yahoo.com>

Date: Wed, 30 Sep 1998 07:42:29 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Ron Smith <resmith666@uswest.net>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21207] Re: Everybody complains about...
Message-ID: <Pine.SOL.3.96.980930073804.18458C-1000000@vortex>

MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 30 Sep 1998, Ron Smith wrote:

>
> Personally, I subscribe to lists for their information or educational value.

I agree with Ron.

But I do have a strong Delete key/finger and don't mind using it.

I use it all the time on HTML and attached files! :-)

I do think that only portions of messages that are needed to maintain a thought should be copied and not the whole thing!

OK, back in my hole....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: 30 Sep 1998 10:42 EDT
From: "Michael Babineau" <babineau@nortel.ca>
To: qrp-l@Lehigh.EDU
Subject: [21208] Summary of responses of MFJ9420 + CW adaptor
Message-ID: <199809301444.KAA43976@nss4.cc.Lehigh.EDU>

Hi :

A number of months back I solicited responses from this list regarding how well the MFJ 9420 SSB Travel Radio performed with the add-on CW adaptor (MFJ 415B). I apologize for not having fed this info back to the list sooner.

I received a total of 7 responses to my query. Overall I would say there was consistent glowing praise for the MFJ9420 itself on SSB. It is apparently everything that MFJ claims it is in their advertisements. The add-on CW adaptor on the other hand appears to to be simply an after-thought.

Some of the comments I got regarding the use of the MFJ9420 on CW using the adaptor were (paraphrased) :

- ok for casual operating but would need an external cw filter for reasonably crowded band conditions
- save your money and buy an SW20+ instead of the CW adaptor
- waste of money
- sidetone is raspy
- semi-QSK with no CW filtering, no RIT

So to sum things up. Overwhelming consensus that the MFJ9420 is a great little SSB rig. Consistent response that operation on CW with the add-on CW adaptor (MFJ 415B) is mediocre at best.

Thanks for all the responses, and sorry it took me so long to summarize to the list.

Hope to chat with some of you on 20M SSB when my MFJ9420 shows up!!

Michael VE3WMB

P.S. Finally moved to a new home with no Covenants restricting antennas so I hope to have a "real" antenna up soon. I have spent the last few years doing interesting things with 26AWG wire with limited success. I credit this list with keeping my interest in QRP alive during these dark times.

Date: Wed, 30 Sep 1998 10:46:37 -0400
From: "Ken & Linda Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [21209] Rig Opinions
Message-ID: <002701bdec81\$3731f880\$5606f0d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Jeff Gold wrote----

>I have some rigs I can get at a good price: A Ten Tec Omni V in excellent condition with 1.8 SSB filter, 500 and 250hz CW filter (I think this rig uses a relay for TX/REC, and not sure how loud.

Any Ten-Tec would be my choice. The Omni V is QSK and does have a relay that can be switched on or off for amp keying. I have used Ten-Tec rigs for about 15 years now. Service after the sell is the best. For example, my Model 544, AKA, Triton IV Digital is 20 years old and is in the factory now for a tune up and PTO drive rebuild. Try getting Kenwood to repair an 20 year old rig. I just received the complete operating manual for my PM2B from Ten-Tec, this rig is a 1969 model. I have a new Omni 6 Plus and my Argo 556 is about 18 months old, both have never failed.

Made in and built by people of the US of A.

Ken/ne0c
Flushing, Ohio

Date: Wed, 30 Sep 1998 10:31:18 -0400
From: "Ken & Linda Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [21210] RE: Everybody complains about...
Message-ID: <002601bdec81\$36502400\$5606f0d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang

Ron Smith said it all----

>Thanks Bill for posting your original question and final answer. It's a shame the middle is missing.

I also would like to see the middle, after 19 years I still have a lot to learn. Thanks to Ron/KD7VD for stating the opinion of many.

Ken/ne0c
Flushing, Ohio

Date: Wed, 30 Sep 1998 10:50:30 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-1@Lehigh.EDU
Cc: hugo@banet.net
Subject: [21211] Re: How to safely sell stuff...
Message-ID: <v03102801b237ec43d677@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

This is my method to keep from getting burned. So far so good.

When selling I ask for a USPS money order. That way I know the money is good. I've only had one person refuse to send me a money order. We did not do any business.

When buying, I offer either a USPS money order or a bank money order. Either way the seller knows the money is good and I have some recourse if the deal goes sour.

If I have any problems, I have the USPS or my bank to help resolve the problem. I've never had to put the USPS on anyone yet. Only a fool would want to chance a mail fraud or wire fraud charge by misusing a USPS money order.

BTW, BBB complaints can be filed on line with the office closest to the individual or business. I filed a BBB complaint against a ham in Tennessee who sells subscriptions to his boatanchor list. This was over \$5 and I did get a personal call from the Nashville BBB and the ham had to file a written response to my complaint with them.

72/73,

Rick kf4ar

Date: Wed, 30 Sep 1998 09:49:27 -0600 (MDT)
From: marion@montana.com
To: resmith666@uswest.net
Cc: qrp-1@Lehigh.EDU
Subject: [21212] Re: Everybody complains about...
Message-ID: <199809301549.JAA10350@paw.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

At 07:59 AM 9/30/98 -0600, you wrote:

>wasting the bandwidth with this and that, don't send this topic or that topic,
>and above all don't quote this or don't quote that.

>

>Personally, I subscribe to lists for their information or educational value.
>If you can't learn anything for a list you are wasting your time and a lot of
>usable Internet bandwidth.

(snip)

>Just my opinion, but if I don't want to read a message or a message thread I
>utilize my God given right to hit the DEL key. IMHO too little information is
>far worse than too much information.

>

(snip)

>

>Just my opinion...

>

>Ron Smith

>KD7VD

>Boise, Idaho

>

>

>

YES! I Wholeheartedly agree. Thank you for saying so. Why the ramblings of some are ok to post, and answers to questions I would like to see the answers to are taken off list to "conserve bandwidth" has always puzzled me. I wanted to say this all along, but knew the "post bandwidth police" would have a spasm. 72/73 Roy AB7CE

Date: Wed, 30 Sep 1998 10:59:37 EDT
From: ARDUJENSKI@aol.com
To: qrp-1@Lehigh.EDU, nwq-1@scn.org
Subject: [21213] CRYSTAL SW RADIO & MORE
Message-ID: <da822fae.36124759@aol.com>
Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

For those looking at low power SW rcvr check out this site ANTIQUE ELECTRONIC SUPPLY (located in Tempe AZ). Crystal, tube, regen rcvrs

How about variable caps ganged 365 and 500pf?

Foxhole crystal set (razor blade and pencil detector)

<http://www.tubesandmore.com/>

Alan KB7MBI

Date: Wed, 30 Sep 1998 18:09:16 +0300
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: Wb4jjj@aol.com
Cc: QRP-L <QRP-L@Lehigh.EDU>
Subject: [21214] Rainbow Tuner Problems
Message-ID: <3612499C.6A92@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Alan and gang,

Part of this discussion has been off the list, but I think this may interest more readers than just Alan. Also note that I have changed the subject and taken the word Enclosure out, because I don't think this 'problem' has anything to do with the enclosure.

I am in my shack/office now and had a break in work, so I took out the Rainbow tuner and dug up an 820 Ohm resistor that looked like it could stand a little abuse.

With that as a load I get SWR < 1,5 on tap positions 3 and 4 (f=7 MHz). The tuning range where this holds, is a lot wider on pos. 4. The SWR is probably better in the middle of the range in pos. 4 than it is on pos. 3, but I cannot see the exact values on the Rainbow display.

So the tuner tunes OK. In practice I think I would adjust the 1/2 wave antenna length a little, so the impedance changes enough to accommodate

the tuner's limited capabilities for exact matching and tune the resultant reactance with Cvar.

Remember, with a 2000 Ohm resistor I couldn't get that low at all. Always two leds lit.

My toroid is not wound exactly as in the manual, but the following holds, IMO:

Exact match $SWR=1,0$ can be achieved only for 4 particular values of (resistive) load impedance. A reasonable reactive part can be tuned out with the Cvar, but the resistive part needs to be suitably sized for one of the taps to get a *very* low SWR.

If the goal is $SWR < 1,5$, the requirement for the resistive part to be equal to one of four values is relaxed. How much? I cannot say.

Obviously there are load values which cannot be matched to $SWR < 1,5$. In my case 2000 Ohm is such a value.

73, oh2zaz

--

Arjen Raateland
Finnish Environment Institute
SAS Support
phone +358 9 4030 0350

Date: Wed, 30 Sep 1998 09:55:57
From: Steven Weber <kd1jv@moose.ncia.net>
To: qrp-1@Lehigh.EDU
Subject: [21215] Re: GAMMA BURST: Need help from hams!!!
Message-ID: <3.0.3.16.19980930095557.2f67a808@mailhost.ncia.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>

>There was a MAJOR GAMMA RAY BURST that occurred on August 27, 1998 at
>1022 UTC from a neutron star 15,000 light years away. This burst was

Humm, I can't remember that far back. Was sound asleep to boot. Did we get another burst couple of days ago? Think it was Sunday night, maybe 05:00Z, 20M had pretty much died out, the 49M SW band was sluggish and what surprised me, I could not hear much of anything on the BCB. There was one station on about 1520 Khz and the local station on 1230, but not one other station on the whole band! Thought the radio was broke, but tried it again Monday night and all the normal stations were back, up and down the BCB

band. Very strange.

One thing for sure, this solar cycle has really produced some bizzare propagation!

Steve, KD1JV....In the White Mountains of New Hampshire

"Melt Solder"

Date: Wed, 30 Sep 1998 10:13:44 -0500
From: Ed Manuel <n5em@flash.net>
To: QRP-L@Lehigh.EDU
Subject: [21216] [50MHz] For Sale: MFJ 9406X
Message-ID: <3.0.5.32.19980930101344.009b3610@pop.flash.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I remember someone was looking for an MFJ 6m QRP rig. Please respond to David directly.

Ed, N5EM - and I really like mine.

>From: "David Cox" <kc5oer@eatel.net>
>To: <50mhz@qth.net>
>Subject: [50MHz] For Sale: MFJ 9406X
>Date: Wed, 30 Sep 1998 01:14:02 -0500
>
> I have a MFJ-9406X 6 Meter SSB rig that I bought from Hooper
>Electronics in Biloxi, Ms. 3 weeks ago. It works great, but I traded a 2
>meter mobile for a Yaesu FT-690 and don't need 2 rigs. It is an excellent
>beginner radio for 6, and it is in the box with full warranty. I paid
>\$260.00 for it. I need the money to buy a rotor so I'll sell it for \$200
>shipped in the lower 48.
> David Cox - KC50ER
> 16420 Stoney Point Burch Rd.
> Pride,
>La. 70770-9740
> (225) 654-5709 between 7pm-11pm CST or:
> email me at
>kc5oer@eatel.net
Ed Manuel, N5EM
Houston, Texas
n5em@amsat.org

n5em@flash.net

Date: Wed, 30 Sep 98 18:31:40 PDT
From: "Trip N. Daniel" <trip@medanet.ro>
To: qrp-l@Lehigh.EDU
Subject: [21217] BFY91 Transistor info.
Message-ID: <MAPI.Id.0016.00726970202020203030303430303034@MAPI.to.RFC822>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

HI all,
Mr. Paul W. Bridgeman needed some information about a BFY91 transistor to build a preamp. circuit few days ago.
BFY91 is a dual NPN transistor in the same TO 99 case with 8 pins.
Vceo=45V;
Icmax=0.03A;
ft=60MHz;
hf21e between 50-250;
This transistor is equivalent to BFY92 or 2N2639...2N2644, 2N2913...2N2920.
I hope to be useful.

I wish you all the best,
Dani.
trip@medanet.ro

Date: Wed, 30 Sep 1998 11:35:30 -0400
From: "Hugo W. Catta" <hugo@banet.net>
To: ne0c@1st.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21218] Re: Everybody complains about...
Message-ID: <36124FC2.C0250437@banet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Ken & Linda Burrough wrote:

> Gang
>
> Ron Smith said it all----

Amen...
Hugo
CX9AAK/W2

Date: Wed, 30 Sep 1998 10:41:07 -0500
From: Mike Manship <mjmanship@iquest.net>
To: qrp-1@Lehigh.EDU
Subject: [21219] Re: Parts for crystal sets, Air-variable caps source
Message-ID: <3.0.2.32.19980930104107.006a60e0@pop.iquest.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

I guess it all depends on what you consider to be "inexpensive".
The 365 pf caps which used to cost a buck are now eleven bucks.
They are also available at:

<http://www.midnightscience.com/catalog5.html>

which is one of the pages of the Crystal Set Society.

73 de Mike W90J

At 07:27 AM 9/30/98 -0700, you wrote:

>
>>I'm in need of a inexpensive source of single section (or a dual
>>asymmetrical) caps for a Boy Scout project I'm working on, a homebrew
>>crystal set. 200pf or more a must. Does anyone have a source?
>>Thanks and 72, de ku4qo, Mike Maiorana, Palm Harbor, FL
>
>Mike,
>
>Check out Antique Electronics Supply. They have single section
>variable caps and other crystal set parts. The URL is:
><http://www.tubesandmore.com/>

>
>Pat N10CJ
>
>
>
>
>
>
>==
>== Patrick Franzis
>== Email : old_radios@yahoo.com
>== Web : <http://www.qsl.net/n10cj>
>==
>
>
>-----
>DO YOU YAHOO!?
>Get your free @yahoo.com address at <http://mail.yahoo.com>
>
>
>
>

Date: Wed, 30 Sep 1998 08:46:30 -0700
From: "Roger A. McCarty" <rmccarty@earthlink.net>
To: <rerobins@email.uncc.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [21220] Re: How to safely sell stuff...
Message-ID: <003001bdec89\$89803f40\$a405b2d1@rmccarty.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I don't know, this seems a little paranoid to me. I choose not to live my life behind barred and locked windows, peering at everyone as an adversary.

In similar situations where the seller demanded a money order, I suggested he take my check and simply wait for the check to clear prior to shipping the equipment. Seemed to satisfy him. Although I should have followed my second rule listed below, as the equipment was not as advertised.

You see, not everyone has nothing to do but pick their noses while waiting for indeterminate times in a postal line. I sure don't. And would pass on

ANY deal if the seller demands that I do.

Besides, I find that entering into a situation where one party is paranoid is usually because that person KNOWS what HE has done before. I choose to pass on those deals, no matter how good.

Roger KD6CC

-----Original Message-----

From: Richard E. Robinson <rerobins@email.uncc.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Date: Wednesday, September 30, 1998 7:54 AM
Subject: Re: How to safely sell stuff...

>This is my method to keep from getting burned.

Date: Wed, 30 Sep 1998 09:18:06 -0700
From: Vic Rosenthal <rakefet@rakefet.com>
To: rmccarty@earthlink.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21221] Re: How to safely sell stuff...
Message-ID: <361259BE.23D0CFF7@rakefet.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Roger A. McCarty wrote:

>
> In similar situations where the seller demanded a money order, I suggested
> he take my check and simply wait for the check to clear prior to shipping
> the equipment. Seemed to satisfy him.

I ALWAYS offer to send a personal check. If the guy doesn't trust me, I find somebody else. I used to offer to let sellers wait for it to clear, but the last guy waited 12 days after getting my \$50 check -- said his bank told him that was the only way to be sure! Postal money orders can only be purchased for cash, so that means a trip to the bank AND the post office -- two lines to wait in.

I just verify that the guy is who he says he is, using QRZ, 411, etc. For a big purchase, I will talk to him on the phone. If it's an internet purchase, I search Dejanews for the guy's name, call and email address.

But mainly, I rely on my intuition. If the guy sounds flaky in correspondence or on the phone, I pass. In some cases I've shipped stuff on someone's word that the check is in the mail.

Vic, K2VCO
Fresno CA

Date: Wed, 30 Sep 1998 09:24:15 +0000
From: Roger Hightower <n7kt@earthlink.net>
To: resmith666@uswest.net
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [21222] Re: Everybody complains about...
Message-ID: <3611F8BF.F3DCB1BD@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Usually, when someone posts a question, it is expected that responses will be to the poster and not the list. If anyone else wants to know, they'll post a "me too" so they can get the answer. It only takes a couple of me-too's to get the answer publicly posted.

The real problem is when the question is off-topic, and then dozens of responses are posted tgo the List and not the sender.

--
72/73, de Roger, N7KT - QRP-L #62 - Mesa, AZ

Date: Wed, 30 Sep 1998 12:39:41 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: rmccarty@earthlink.net, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [21223] Re: How to safely sell stuff...
Message-ID: <3.0.5.32.19980930123941.007e7100@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

well I have done most of my buying and selling with personal checks. I have never had a problem. I realize that there is a wrisk in this, but I would hope that not only the buyer/seller has true integrity, but if nothing else would treat a fellow Ham with more integrity than anyone else. Not to say

that we shouldn't treat our fellow Ham brothers and sisters any differently than we would non-Hams. Its very sad that anyone would rip someone off. I guess until I get burned once, I will still continue to accept checks. I on occation have held shippment until the check has cleared and mainly on high dollar items, but for something small I don't bother. In any case I hope everyone keeps in mind why ripping someone off is a bad thing and why even consider it. If nothing else as a seller, you can get a bad rep. among fellow Hams which will in the long-run will make future sales and purchasing difficult at best.

At 08:46 AM 09/30/1998 -0700, Roger A. McCarty wrote:

>I don't know, this seems a little paranoid to me. I choose not to live my
>life behind barred and locked windows, peering at everyone as an adversary.
>

Date: Wed, 30 Sep 1998 11:38:53 -0500
From: Jim <kj5tf@madisoncounty.net>
To: qrp-l@Lehigh.EDU
Subject: [21224] Solar panel sale
Message-ID: <36125E9D.4E16@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Im not trying to advertise for "Mr Solar" just passing along the info to anyone doing comparison shopping.
If anyone knows of better prices than this please send me the info.
Thanks, Jim

October Sale

Welcome to our October sale - as you see we have very good specials and to take advantage of this sale we must receive your order dated BEFORE October 5th. Thank you

ZomeWorks Racks <> All racks at 0.68 of list price -
in other words if you want the new Universal Track Rack #TRU100 which lists for \$1,495.00 then you multiply that by 0.68 for your price of \$1016.60 (or a savings of \$ 478.40) and of course + shipping

<http://www.mrsolar.com/catalogue1.html>

SOLAR PANELS This month special from Solarex

- - Note that they are ALL under \$5.00 per watt ! ! !

Solarex VLX 53 \$256.00 <this is only \$4.83 per watt + shipping>

Solarex MSX 60 \$297.00 <this is only \$4.95 per watt + shipping>

Solarex MSX 77 \$380.00 <this is only \$4.93 per watt + shipping>

Solarex MSX 120 \$596.00 <this is only \$4.96 per watt + shipping>

all above MSX panels carry a 20 year warranty and the VLX panels carry a 10 year warranty

We currently have a full line of Solarex panels and if you want to purchase another one let us know the model number and perhaps we can give you a discount during this sale.

- - - - -

Date: Wed, 30 Sep 98 12:44:33

From: "Caitlyn M. Martin" <cait.martin@ibm.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [21225] Re: How to safely sell stuff...

Message-ID: <199809301646.QAA59384@out5.ibm.net>

MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

On Wed, 30 Sep 1998 09:18:06 -0700, Vic Rosenthal wrote:

>Roger A. McCarty wrote:

>>

>> In similar situations where the seller demanded a money order, I suggested
>> he take my check and simply wait for the check to clear prior to shipping
>> the equipment. Seemed to satisfy him.

>

>I ALWAYS offer to send a personal check. If the guy doesn't trust me, I find
>somebody else. I used to offer to let sellers wait for it to clear, but the

>last guy waited 12 days after getting my \$50 check -- said his bank told him
>that was the only way to be sure! Postal money orders can only be purchased for
>cash, so that means a trip to the bank AND the post office -- two lines to wait
>in.

Well, guess what? I wouldn't sell to either of you, and I make no bones about it. Why? Have you ever waited a year to finally collect on a bounced check? I did when I sold my IC-551, and it wasn't a whole lot of fun. I always insist on a money order, period, and I generally send one in a transaction. It's traceable and both parties have recourse, which makes it the best and safest way to do business. Even though this is a hobby, a purchase is a business transaction, period. It's worth the five minutes at the post office for both parties to have piece of mind, at least to me. Most people seem to understand this and are willing to deal this way. For those who aren't, well... there are more than enough who are.

I really like E-Bay. Why? Well, I've sold a handful of items and gotten a good price. I've also bought some stuff at good prices, and, thanks to the feedback system, I know who is likely to be honest before I ever have to send or receive money. The listing and transaction fees are minimal, and to me they are cheap insurance. I also feel safer in special interest groups like this one than I do on the newsgroups.

Paranoid? I don't think so. Two old saws, which to me are truisms:

-Once bitten, twice shy.

-Fool me one, shame on you. Fool me twice, shame on me.

It's a real pity that a few rotten people spoil it for the 99+% who are honest.

Just my two centimes worth...

72,
Caity
KU4QD

Caitlyn M. Martin	"They have computers, and may have
cait.martin@ibm.net	other weapons of mass
http://www.angelfire.com/nc/caitmartin	destruction" -Janet Reno

Date: Wed, 30 Sep 1998 11:48:40 -0500
From: Jim <kj5tf@madisoncounty.net>

To: qrp-1@Lehigh.EDU
Subject: [21226] AR QRP 40M net tonight
Message-ID: <361260E8.6EE4@madisoncounty.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Notice:

The AR-QRP net will again be tonight at 0030Z on 7.052 mhz (+ - QRM),
Fire up your QRP rig and check in! Non members welcome!

Bob AB5ZD QRP-L #185 AR #227

Date: Wed, 30 Sep 1998 09:55:27 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21227] Re: How to safely sell stuff...
Message-ID: <Pine.SOL.3.96.980930095259.18855D-100000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I always send a personal check.

I bought a \$400 radio from a stranger on rec.radio.swap or
whatever it's called.

The radio and check crossed in the mail. I'm still using
the radio.

My only check was via the call book to see if that call
fit the address he gave.

Risk? Sure. But so is driving to work!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Wed, 30 Sep 1998 10:21:23 -0700
From: ki6ds@dpol.k12.ca.us (Hendricks, Doug)
To: <qrp-1@Lehigh.EDU>
Subject: [21228] 44 Magnum Info
Message-ID: <01bdec96\$bfb67fe0\$630a0d0a@doug.dpol.k12.ca.us>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was browsing the web looking for component suppliers and HB Electronics Home Page came up. URL http://users.ids.net/~hb_elec/44Magupdate.htm

I couldn't resist taking time out from parts hunting for the NC20 to look at the 44 Magnum info. Note that Bob mentions that the kit is being produced with an agreement with NorCal. That agreement is that they may use our name in the description and advertising of their kit. We do not receive any remuneration of any kind. The reason that we gave permission is that we feel that it gives QRPers more information as to what the product is and its history. We were thrilled to have the 38 Special live on, although in a far better form than the one that we produced. That has happened before with NorCal kits. The NorCal 40A from Wilderness is a much better radio than our club kit, as it should be. The same goes for the Sierra. Also, Vibroplex will be making small improvements to the K8FF NorCal Paddles when they market them. It is the nature of the game and something that we are proud of, that a club has the ability to generate viable commercial products from their endeavors. It is what ham radio is supposed to do. Bob Berlyn has worked very hard to improve the 38 Special, in fact, it has changed so much that they had to come up with a new name. I heartedly endorse all of the things that they have done. Their development was caused by the experimentation and suggestion of all of us here on qrp-1.

The status of the project is that the round one prototype boards are in, and Paul and Bob will be building the first circuit board prototypes in the next two weeks. Paul hopes to have one at Pacificon for us all to see. The project is almost done. I can hardly wait. If you have web access, please go and take a look at the pictures of the board layout and the case. Awesome.

Here is a copy from the web page:

Updated Sept12, 1998

For those new to QRP, the 38-SPECIAL was last year's NorCal club kit. It was a simple 30M transceiver with a superhet receiver. The 38-S, designed by Ori Mizrahi-Shalom, AC6AN, was enormously popular and is no longer available. NorCal continues to receive requests for the kit. It is being

completely redesigned and improved by HB Electronics' Bob Berlyn-N1PWU, with assistance from Paul Harden-NA5N, under an agreement with the NorCal QRP Club. I would like to thank you all for the calls, letters and E-Mails asking about our progress and offering encouragement. Its almost done. Here is an updated list of standard features:

- * 5 WATT power output. The power amplifier will be a Mosfet design.
 - * DRIVE CONTROL will allow control of output power from millawatts to 5 watts.
 - * Tick keyer is standard. Built in battery back up option will allow the operator to save all his favorite settings with the inclusion of a simple three volt battery. The kit may also be used with a straight key with no modifications.
 - * IF FILTERING has been improved with the design of a new crystal IF filter. Crystal filter has been upgraded to a -26dB USB rejection design..
 - * VFO rather than the VXO of the original 38 Special. A VFO has been designed to run at approximately two megahertz which will enhance stability. VFO tuning uses a tuning diode design rather than costly variable capacitors.
 - * RIT control, front panel mounted is standard.
 - * AUDIO AMPLIFIER with front mounted volume control is standard. An audio amplifier has been designed to improve audio output. The kit will be able to drive a small speaker.
 - * RF GAIN control, front panel mounted.
 - * INPUT Pre-selector is a dual slug tuned transformer design for easier front-end alignment and improved rejection of unwanted signals.
 - * MORE RECEIVER GAIN is achieved by adding a 2N3904 amplifier follows the product detector for 6dB more audio gain in receive; same amplifier serves as the first xmit driver in transmit.
 - * VARIABLE BFO has been added to set the CW tone to your liking and to match center-frequency of the audio filter as well as side tone.
 - * SIDE TONE from on-board oscillator, set at a nominal 750Hz.
 - * ACTIVE AUDIO CW FILTER is a 2-pole 300Hz BW active bandpass filter using a TL082 optimized at 750Hz.
 - * VOLTAGE REGULATOR is a zener/series regulator transistor scheme instead of 7808 for better RF immunity at 5W.
 - * PRINTED CIRCUIT BOARD features plated through holes and screened for component locations. Size is approximately 4x6 inches.
 - * ADJUSTMENTS for Side tone, Tick audio (telemetry) located onboard.
- The 44 Magnum will be board kit with all controls provided and mounted on the circuit board. The kit is being designed as an easy to build kit that will appeal to the experienced as well as new builder. Technical support will be available by E-Mail or telephone.

The development of the 44 Magnum has taken much longer than we expected, primarily due to the PA design in the transmitter section and the VFO design. We discovered that the IRF-510 is completely inadequate as a reliable RF final amplifier, as any of you that built the 5 Watt mod for the 38 Special already know. This demanded a complete redesign of the transmitter power amplifier section. This has taken an extraordinary amount

of time to design.

Offering the kit on additional bands required us to rethink the original design. The VXO of the 38 Special design was impractical for this purpose. Ultimately it became necessary to design a VFO into the 44 Magnum to accomplish this. As you can imagine, all this takes time. The design, however, is essentially complete. We have started ordering the components to make up the kits. Our hope is to be in the prototype stage of the project very soon.

The design team decided from the beginning that the radio will not be released until the design is complete, correct and reproducible. It is our goal to produce a quality, affordable QRP kit that will be around for many years to come.

To look at the following, you must go to the HB Electronics Web Page at:

http://users.ids.net/~hb_elec/44Magupdate.htm

Below is a diagram of the PC Board layout. The basic design should not change much, if at all in the final design.

Also shown is a conceptual drawing of an optional front panel of an enclosure that is being considered by a third party. The enclosure will not be part of the basic kit.

Note neither Doug Hendricks or NorCal has any financial ties with HB Electronics. I am posting this for information to QRPers.

72, Doug, KI6DS

Date: Wed, 30 Sep 1998 13:20:36 -0400 (EDT)
From: Paula Bailey <pmbail01@ox.slug.louisville.edu>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [21229] Well, now, this is just ky00t. :)
Message-ID: <Pine.LNX.3.96.980930131452.22576A-100000@ox.slug.louisville.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

For those of us who don't think QRP necessarily means "homebuilt":

Was looking through the latest Tech America circular, and they are selling 2m or 440 HTs that are literally the size of a credit card calculator. :)

Little 300mW (so, yes, it technically IS QRP ;) job...speaker mic and recharger for the thing come with it, and selling for right about eighty bucks.

I may well have to pick up one of these...for some reason the idea of a 2m H/T that is liteally the same size as an Altoids tin *lid* appeals to me :)

Just in case anyone on the list does mess with VHF an' all. :)

-pb

Date: Wed, 30 Sep 1998 17:38:57 GMT
From: mwattcpa@earthlink.net (Marty Watt)
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [21230] Re: How to safely sell stuff...
Message-ID: <361568ad.85330547@mail.earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: quoted-printable
Content-Transfer-Encoding: quoted-printable

On Wed, 30 Sep 98 12:44:33 , "Caitlyn M. Martin" <cait.martin@ibm.net> = wrote:

>Well, guess what? I wouldn't sell to either of you, and I make no bones
>about it. Why? Have you ever waited a year to finally collect on a
>bounced check?

What would you do at a hamfest?

Do you carry a counterfit bill detection stick with you as well?

The time required for me to take off work, drive to the Post Office (my nearest post office doesn't sell money orders -- it's inside a grocery = store),
wait in line, drive back to work -- that's an hour of my time. Depending= on
one's income, potentially a substantial amount of cash. I used to be a consultant, and charged my time at \$275 per hour. The loss of one hour = is
pretty substantial.

Business transactions involve inherent risk. If I'm at a bank, and hand =

the
teller my check, there is a risk they won't give me cash in return. I =
had a
bank lose a deposit. Even with a receipt, they wanted ME to locate their=
lost
money. Try to correct THAT one in seven days. (It ain't fun, let me tell=
you)
If you can't handle the risk, then don't do business.

My threshold for risk is about \$1000. If I'm selling something for over
\$1,000 I want a personal meeting and cash used. I also want the buyer to=
look
at the equipment and ensure it meets their needs before the deal is =
closed,
since I'm not in a position to offer a warranty on the item. I've driven=
over
300 miles each way to do this on a couple of occasions. Overkill? =
Probably.

Bottom line -- all terms are negotiable, including method of payment. If
someone demands a money order, and I want the item badly enough, I'll do =
it.
Just like if someone wants to sell something badly enough, they'll take =
my
personal check.

Date: Wed, 30 Sep 1998 13:57:22 -0400
From: "Jim Fielden" <fielden@utkux.utcc.utk.edu>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [21231] NorCal 40a Prob, es 40-9er Question, es QRP Classics Cover
Message-ID: <01bdec9b\$c64a8360\$9812a980@galaxian>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello QRP'rs

I have my Norcal 40a that I use everyday, I was able to fix the strange
"nose" (noise) it was a bad pot, that was scary sounding I tell ya, now one
other problem that's always been there I think, just doesn't seem to matter
much. I get what seems to be feedback in the headphones when, it seems to
only affect the sidetone when I'm using the KC-1 and the paddles going into

KC-1. I can use the Memory Message and don't get the chopped up sidetone, I can use a STR8 Key and don't get it, I can use the TICK and don't seem to get it, but using the paddles into the KC-1 causes Jumpy, Chopped up, Volume Changing SideTone. Also if I put my hand on top of the 40a the sidetone gets louder and clears up. Anyone know what this might be, and a possible fix? Another two points, it's not as bad when I use battery power, with 12v Power Supply it's Ewwwwwww Nasty sounding....

On the 40-9er, I was wondering if anyone used Sockets for the 602, es 380? Is there a problem with using sockets for the two ICs? Also could I use something other than the 78L05, like a more common Reg that I could get at Rat Shack or something?

Now for number 3, (if you're ready Sirs) On the cover of QRP Classic is a Radio in a Sardine type can, what is it, where can I get the plans for it, anybody got one of them? It looks really sharp and would look pretty next to my TT2, and CB-Slider....

72 * Jim, KU4QW - QRP-L # 1481 - G-QRP # 10117
fielden@utkux.utcc.utk.edu - FISTS # 5380
<http://www.qsl.net/ku4qw/> - No-SSB International (tm) # 1,000,014

Date: Wed, 30 Sep 1998 13:11:30 -0500
From: "j.w. thornton" <dub@oklahoma.net>
To: qrp-l@Lehigh.EDU
Subject: [21232] Re: Everybody complains about...
Message-ID: <199809301815.NAA22077@dns.tulsa.oklahoma.net>
Mime-Version: 1.0
Content-Type: text/html; charset="us-ascii"

<html>
At 07:59 AM 9/30/98 -0600, Ron Smith:

>wasting the bandwidth with this and that, don't send this topic or
that topic,

>and above all don't quote this or don't quote that.

>

>Personally, I subscribe to lists for their information or educational
value.

>If you can't learn anything for a list you are wasting your time and
a lot of

>usable Internet bandwidth.

Thanks for addressing a subject that has needed attention for some time. We hear frequently from

the small, but very vocal minority concerning wasted bandwidth, regardless of the subject matter, while

the silent majority sit back and let things ride to avoid controversy.

Certainly, we do need to exercise common sense in what is posted.

You want to talk fly fishin or hair dressin,

there are reflectors that might be better suited to such subjects.

If you start your post with,"Hi Tom (or Dick, or

Suzy), sure enjoyed our get together Saturday", perhaps you could send it direct, rather than to the entire

QRP-L group. Quoting of large posts should be avoided where possible, quote ONLY what is necessary

to reference what you are replying to. All this ground has been well covered many times in the past.

On the other hand, a lot of questions are posted that would possibly be of interest to many on the list, with instructions

"Please reply off the list to conserve

bandwidth". Too much conservation is less desireable than

too little, in my opinion. If it is of interest to you, it is probably going to be of interest to at least SOME of the

QRP-L group. My DELETE key receives a good workout, but this is not necessarily bad. It is simply me,

exercising my choice of READ, or NOT READ. "72"

<div>J. W. (Dub) Thornton WA5YFY</div>

Minco, Okla.

</html>

Date: Wed, 30 Sep 1998 15:08:38 -0400

From: jim <kw3u@warwick.net>

To: qrp group <qrp-l@Lehigh.EDU>

Subject: [21233] R-7 vertical question

Message-ID: <36128FC5.EB72F1CE@warwick.net>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Have an opportunity to purchase an R-7 vertical.
I presently run an R-5 which needs no guying and is specced
at 17 feet. the r-7 is 22.5 ft. question is does it require quying??
tnx and pls respond direct to me. 72 Jim

Date: Wed, 30 Sep 1998 19:17:41 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@Lehigh.EDU>
Subject: [21234] Rainbow tuner in SLM Co. Enclosure
Message-ID: <361275C5.4340@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Rainbow gang,

I have to retract what I said in an earlier post about the enclosure not
having to do anything with the problem I had with my Rainbow tuner.

In fact it has. Doug Hauff says somewhere in the manual that the
anodized finish on the aluminum is a good isolator. It's so good in fact
that the ground of the BNC jack/the circuit wasn't connected to the case
at all.

I have a solder tag on the BNC jack and it is connected to a tag on the
black ground terminal and via a short wire to the ground pin of the
bridge on the PCB. The ground pin of the tuner part is connected via the
jacket of the small size coax I used to interconnect the bridge and the
tuner. So, in principle all grounds are connected and the circuit is
complete.

However, the case was floating with respect to the circuit inside and
this seems to mess up things really good. (I got suspicious when the
enclosure seemed to work as an antenna during receive.)

If you want to test if the BNC jack or the black ground terminal are
connected to the case it is important to note that in my case of the
four bolts holding the cover only two made contact with the enclosure
body and of the three screws holding the PCB only two made contact with
the enclosure body. Also, of the four switches only three made contact
with the case, the handles of the switches that is.

To see what difference grounding the enclosure would make, I put a solder tag under the screw in the tuner section of the board - I verified it to have contact with the case - and soldered the tag to the nearby ground pin.

After grounding the case in this manner, the 2000 Ohm test resistor could be tuned easily to SWR < 1,5 on pos. two and three. (Tuning range on one of these positions was narrower than on the other.)

Before grounding the case, I had tested with several load resistor values on 7 MHz: 820, 1500, 2000, 2700, 3300, 3900 and 7500 Ohm. All these could be tuned to SWR <1,5 ** except 2000 and 3900 Ohms **.

(BTW, I made my toroid with only 30 turns, which allows it to tune 40, 30 and 20 m with the bigger section of the variable cap, 150 pF (trimmer on the back at minimum). I put the taps at 3, 5, 7 and 9 turns.)

Now that I grounded the enclosure my earlier measurements have obviously lost their validity.

Comments please

73, oh2zaz

--

Arjen Raateland
SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Wed, 30 Sep 1998 15:45:49 -0400
From: "Harry WA3PTG " <hhurst@delaware.infi.net>
To: <qrp-1@Lehigh.EDU>
Subject: [21235] Ten Tec 1320
Message-ID: <199809301946.PAA01178@fh101.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The 1320 kit arrived this morning! Are there any gotcha's to watch for with this kit? - TIA

At work. dang it!
WA3PTG * NJQRP *QRP-L * EPAQRP

Date: Wed, 30 Sep 1998 14:54:41 -0500
From: Tellefsen Bob-CNSE97 <cnse97@lmpsilo2.comm.mot.com>
To: QRP-L list <QRP-L@Lehigh.EDU>
Subject: [21236] N6WG Retires :-)
Message-ID: <0F762B016151D2118F8900805FA795AF2DFB17@s-il02-n.comm.mot.com>
MIME-Version: 1.0
Content-Type: text/plain

This will be my last post from this email address. I'm cleaning out my desk, and my computer. I think the hardest part of retiring will be giving up this great laptop I've been using.

I'm unsubscribing now, but will be back on in a day or so from my home account on earthlink.

I'll see you all then.

73 for a little while
Bob N6WG

Date: Wed, 30 Sep 1998 14:55:21 -0600 (MDT)
From: Paul Harden <pharden@aoc.nrao.edu>
To: qrp-l@Lehigh.EDU
Subject: [21237] Gamma burst/VLA: Tom Brokaw NBC tonite
Message-ID: <Pine.SOL.3.91.980930143311.630A-100000@zia>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Our PR guy, Dave Finley, also QRPer N1IRZ, has been busy today answering all the press from the networks to print media over the gamma ray event. Quite interesting. Evidently it will be a page one story in the New York Times and the Washington Post and others.

WATCH NBC NEWS TONITE:

We shipped off via air express the motion picture of Dr. Frail's images to NBC about noon today to their studios in Los Angeles. It will be

aired TONITE on NBC with Tom Brokaw for a special feature they are doing on the discovery of this "magnetar." We also sent images of the VLA antennas, observatory, brief interview statements by Dr. Frail, etc. I don't know what all they will end up using, but may be a nice news story for those so interested. The moving VLA images of the magnetar for sure will be shown (as that's what NBC paid to have shipped to them air express). If shown in it's entirety, I'll be the guy waving in the back wearing the Zombie badge :-)

It's possible that two other major networks will be here tomorrow with film crews for news features. Will let you know.

I have shown Dr. Frail and others some of the email I have received over this event, and they are all very impressed that QRPers have such a good knowledge level and interest in this discovery. Thanks to the few who sent reports on being on the air Aug. 27th ... I will answer when I get some time.

72, Paul NA5N

PS - Since I'm sorta representing the observatory in this specific post, I'm supposed to tell you ...

"The National Radio Astronomy Observatory is a facility of the National Science Foundation operated under cooperative agreement by Associated Universities, Inc."

Date: Wed, 30 Sep 1998 17:10:28 -0400
From: "Bob Kellogg" <ae4ic@nr.infi.net>
To: "qrpforum" <qrp-l@Lehigh.EDU>
Subject: [21238] Hunches - Mouser - KnightSMiTes
Message-ID: <199809302114.RAA14019@mailhost.infi.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

You ever have that "sumpthin' ain't right here" feeling? Well, I have, and over the years I've learned to listen when that little voice spoke.

I was assembling some KnightSMiTes kits when I got that feeling. So, I

started to double check everything and noticed that there were two physical sizes of 820pF capacitors in my box. They were the same width and length, but some felt a little thicker than others. (now remember, these are Surface Mount parts in the 0805 size, about the size of a Horseflyspeck -- and, they are unmarked) My capacitor checker said sure enough, the thicker ones measured .077uF!

I'd just received them from Mouser, so called to tell them they sent the wrong value, marked (on the package) as the right value. The customer service guy said they'd check their stock and call me back. In a couple of hours the call came, and they said I was right, their stock was wrong, and they had arranged to ship replacements from another warehouse.

The next day, I got a package with the replacement parts, this time the correct value. That afternoon I got a call from Mouser asking if the parts had arrived and if they were the correct value.

The nice thing about this exchange is that they never questioned me or my assertion about their stock, they just jumped to take corrective action immediately.

So, if your KnightSMiTe is not working right, check the values. Something may have slipped through in error. If you didn't receive all of your parts, just let me know, and we will correct any errors. Also, if you have lost one or two of the tiny parts, or burnt them up, send me an SASE with your needs, and I will replace the parts for you. (parts, not a whole kit!)

CUL,
Bob Kellogg, AE4IC, Greensboro, NC
Prolably, but not nececelery. -- Benny Hill

Date: Wed, 30 Sep 1998 21:26:16 +0000
From: Arjen Raateland <Arjen.Raateland@vyh.fi>
To: QRP-L <QRP-L@Lehigh.EDU>
Subject: [21239] Re: Rainbow tuner in SLM Co. Enclosure
Message-ID: <361293E8.1891@vyh.fi>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I'm sorry, I'm sorry. In my enthousiasm about finding something to set

straight, like grounding the case, I forgot to switch off the bridge part of the Rainbow when measuring with the RF Analyst.

In the shack at work I used my Sierra and the Rainbow SWR bridge to determine the match.

At home, where I took the unit later in the evening, I have no HF rig, so I used my RF Analyst from Autek Research. It doesn't have enough power to activate the SWR bridge in the Rainbow and I should have switched it out of the circuit, but I forgot. The bridge makes the SWR look much better from the RF Analyst / TX side of things, so I got too good readings all over.

When measuring input SWR w/o the bridge switched in my RF Analyst says I get no better than SWR = ca. 1,3 with optimum resistive load for each tap position.

There are still values of load resistance that are not very good matches at any tap position, but they are now different values than before grounding the case.

I'm sorry if I've mixed anybody up with my partly mistaken results. It's an ongoing project ...

> (BTW, I made my toroid with only 30 turns, which allows it to tune 40,
> 30 and 20 m with the bigger section of the variable cap, 150 pF (trimmer
> on the back at minimum). I put the taps at 3, 5, 7 and 9 turns.)

Are there any other Rainbow owners on line that have put their Rainbow in a SLM Co. anodized enclosure?

73, oh2zaz

--

Arjen Raateland
SAS Support
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

Date: Wed, 30 Sep 1998 17:54:32
From: radioham@erols.com
To: pharden@aoc.nrao.edu, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [21240] Re: Gamma burst/VLA: Tom Brokaw NBC tonite
Message-ID: <3.0.1.16.19980930175432.3dc75472@pop.erols.com>

Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The story has made the front page of the Washington Post today. That in itself is significant as it's pretty rare that they put something so technical in place of political or economic news. The article says pretty much what we have all read on QRP-L already, but now everyone is going to worry about the effects. By weekend there will probably be companies selling special "Gamma Ray Resistant Clothing" on the Home Shopping Network.

Sounds like a great NorCal project.

72/73,

Steve, N4EUK
Reston, VA

Date: Wed, 30 Sep 1998 14:47:06 -0700
From: "Michael Fletcher" <kl7ixi@mailcity.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [21241] Re: Gamma burst/VLA: Tom Brokaw NBC tonite
Message-ID: <CPCAINAFMBCJCAAAA@mailcity.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hey Paul,

Now if NBC could show some footage of the "canyon" you have there (e.g. the movie "Contact") that would really be something! I'll be looking for the Zombie t-shirt.

72,
Mike KL7IXI/7
Vancouver, WA
A balanced diet is a cookie in each hand

Get your FREE E-mail at <http://mailcity.lycos.com>
Get your PERSONALIZED START PAGE at <http://personal.lycos.com>

Date: Wed, 30 Sep 1998 17:39:42 -0400
From: n2tpa@juno.com (Bill d Lazure)
To: jwodel@ameritech.net
Cc: QRP-L@Lehigh.EDU
Subject: [21242] Re: How to safely sell stuff...
Message-ID: <19980930.174028.7670.1.N2TPA@juno.com>

Gentlemen (and Ladies),

TIME OUT!!! I just found several posts discussing at further length the proper way to sell equipment, and when to waste or not waste bandwidth.

C'mon folks, I asked a simple question, and got a simple reply. If anyone wanted to see the reply, a single line asking me to send it to the list would have been more than sufficient.

From here on, let's drop the subject of how much bandwidth is acceptable and let our administrative gurus pass judgement. They own this piece of cyber real estate, we are merely renters

Now, to the amazingly scientific survey conducted by Mr. Know-It_All: Folks,

General Consensus seems to be:

A. Be VERY honest about condition of the equipment. Although a buyer may have expectations that STILL exceed your claims, the more honest you are, the less chance of confusion. Also, post conspicuously that the item is sold "AS IS". That also cuts down on the confusion.

B. Have the buyer send the full amount either check, Money Order, or COD. Don't mess with any 50% now, 50% later stuff. Wait for the check to clear before shipping. An honest person doesn't mind, a dishonest one may be shown by his/her impatience.

C. Insure it for full value. Helps to reduce problems if the item's damaged in transit.

D. Buyer, get the name, address and phone number of the seller; seller, do the same. Look up each other's calls in one of the books, and call each other on their enclosed phone numbers. This provides reassurance that you are actually dealing with who you think you are, and provides you a chance to meet and become comfortable with each other.

E. Finally, trust. Both of you are at a slight risk, but everyone that answered my original question seemed to agree that the people in this "club" are some of the most honest available.

Like I said in the earlier post, it'll take me a couple more days to

thoroughly check the condition of the rig I want to sell, so sometime early next week I should be posting it.

"Jerry W. O'Dell" writes:

>Be nice if you'd post your conclusions.

>

>The seller seems to have to make irrational claims, and

>the buyer may get stuck.

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Date: Wed, 30 Sep 1998 17:59:55 -0400
From: n2tpa@juno.com (Bill d Lazure)
To: DHenderson@arrl.org
Cc: QRP-L@Lehigh.EDU
Subject: [21243] Re: CW Sweepstakes Dates
Message-ID: <19980930.180657.7670.2.N2TPA@juno.com>

Dan,

Very nice go get such personal reponse from THE Contest Manager.
Question one's been answered fully, now to two: Last CWSS I needed
77 Sections for a clean sweep. Now, I see 79. Who is absolutely new??

Three, rather than soak us testers for \$7 to simply get the rules and
forms of the contest, why not offer the entire Contest Journal on-Line in
the members-only section. This keeps us active hams from feeling that we
are merely sources of income rather than the people that income should
serve.

Finally, If I submit my logs on last year's forms (Dupe sheet, or
total sheet that shows the "wrong" number of sections), will I still be
qualified for awards?

These answers are VITALLY important to me.
Look forward to your reply,

Bill Lazure
N2TPA (Hopefully W2XX or WX2X when I get my new vanity call)

On Wed, 30 Sep 1998 16:21:47 -0400 "Henderson, Dan N1ND"

<DHenderson@arrl.org> writes:

>Hi Bill:

>

>Sorry for the delay in responding, but I have just taken over as

>Contest

>Manager and am trying to get through the backlog on the email and

>desk.

>

>Dates for the CW Sweepstakes 1998 are indeed November 7-8.

>

>Good luck and hope to see you on the air.

>

>73

>

>Dan Henderson, N1ND

>Contest Branch Manager, ARRL

>

>> -----Original Message-----

>> From: Bill d Lazure [SMTP:n2tpa@juno.com]

>> Sent: Tuesday, August 04, 1998 5:04 PM

>> To: Contest

>> Subject: CW Sweepstakes Dates

>>

>> Folks,

>>

>> Don't mean to interrupt your day, but when I reserve vacation time,

>> it's

>> set in stone. Is the CW Swepps in fact the weekend of 7&8 Nov, or

>> 31&1??

>>

>> November is TV Ratings time, so wish me luck at getting vacation at

>> all!!!!

>>

>> N2TPA

>> Bill Lazure

>> N2TPA@JUNO.COM

>> blazure@WSTM.COM

>>

>>

>

>> -----
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Or call Juno at (800) 654-JUNO [654-5866]

Date: Wed, 30 Sep 1998 15:25:11 -0700 (PDT)
From: David Feldman <dgf@netcom.com>
To: qrp-l@Lehigh.EDU
Subject: [21244] Re: How to safely sell stuff...
Message-ID: <199809302225.PAA15622@netcom4.netcom.com>

> C'mon folks, I asked a simple question, and got a simple reply. If

I have a one of other thought (am in agreement with the other points)...

> C. Insure it for full value. Helps to reduce problems if the
> item's damaged in transit.

Pack it well!!! As a rule, use at least 4" of packing material on *ALL* sides for an average-density item. Light/tiny or heavy/big adjust accordingly. Remember UPS and other shippers pass your delicate gizmo through conveyor systems that *WILL* drop it onto a hard surface. *ALL* of the shipments I've received that were damaged were due to inadequate shipping (1" of foam doesn't do it), and the primary hazards are dropping and crushing. If you use the factory box, put that box INSIDE an outer box; the factory box was often not intended as the final packing shell. If the factory box had some styrofoam inserts, use those *CORRECTLY*; if the styro inserts are worn, broken, or incomplete, consider using bubblepack instead.

73 Dave WB0GAZ dgf@netcom.com

Date: Wed, 30 Sep 1998 18:38:49 -0400
From: "Charles R. Mabbott Sr." <crmabbott@mediaone.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [21245] Hot dog and Hams in the Park II Oct 7th
Message-ID: <000901bdecc3\$17803d20\$0d318318@mw.mediaone.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Just want to talk about an activity in South Eastern Michigan (SEMI)

The "Hot Dogs and Ham in the Park II" will occur on Oct 7, 1998. Yes, he did say on a Wed. How is that for breaking up a week with a fun radio activity.

The purpose of the outing is to bring some rigs to a local park. We permit QRO, but QRP is much easier to deal with. Launch some antennas into the surrounding trees. There are several methods being discussed. Has anyone ever considered a potatoe gun? We'll let you know.....

Finally, get on the air and make some contacts. There were several rigs setup and operated at our last outing. One contact was all the way to Denmark on the low end of 20 meters running 3 watts into a modified Rock Loop known as the 'Son of Rock' antenna.

This will take place at the park at the corner of Six Mile and Northville roads in Plymouth, MI. This is sponsered by the Stuart Rockefeller Amateur Radio Society. The talk in will be on 145.17 or 224.94 (pl 100.) on both.

We hope to have the same amount of participation (Garden City ARC, Novi ARC and the Stu Rocks). Any other clubs members or non club members are invited.

Again the menu will be hot dogs, buns, condiments, chips and cool aid. If you wish specific kinds of pop bring your own and please no alcohol is permitted in the park. We hope to see the local folks and any visitors passing through are welcome!

73

Chuck AA8VS MI-QRP #M1212

End of QRP-L Digest 1230

